- (e) complementary to the nucleotide sequence of any of (a) (d).
- 2. (Amended Twice) An isolated nucleic acid molecule comprising:
- (a) a nucleotide sequence encoding a polypeptide which is at least about 70 percent identical to the polypeptide as set forth in SEQ ID NO: 5, wherein the encoded polypeptide, upon exposure to mammalian cells, causes an increase in cellular protein tyrozine phosphorylation;
- (b) a nucleotide sequence encoding an allelic variant of the nucleotide sequence as set forth in SEQ ID NO: 4, the nucleotide sequence of the DNA insert in ATCC Deposit No. PTA-976, or the nucleotide sequence of (a);
- (c) a region of the nucleotide sequence of SEQ ID NO: 4, the DNA insert in ATCC Deposit No. PTA-976, or the nucleotide sequence of (a) or (b) encoding a polypeptide fragment of at least about 25 amino acid residues, wherein the polypeptide fragment, upon exposure to mammalian cells, causes an increase in cellular protein typosine phosphorylation, or is antigenic;
- (d) a region of the nucleotide sequence of SEQ ID NO: 4, the nucleotide sequence of the DNA insert in ATCC Deposit No. PTA-976, or the nucleotide sequence of any of (a) (c) comprising a fragment of at least about 16 nucleotides;
- (e) a nucleotide sequence that hybridizes to the complement of the nucleotide sequence of any of (a) (d) under hybridization conditions allowing no more than a 21% mismatch between the nucleotide sequences; or
 - (f) a nucleotide sequence complementary to the nucleotide sequence of any of (a) (e).
 - 3. (Amended Twice) An isolated nucleic acid molecule comprising a nucleotide sequence:
- (a) encoding a polypeptide as set forth in SEQ ID NO: 5 with at least one conservative amino acid substitution, wherein the encoded polypeptide, upon exposure to mammalian cells, causes an increase in cellular protein tyrosine phosphorylation;
- encoding a polypeptide as set forth in SEQ ID NO: 5 with at least one amino acid insertion, wherein the encoded polypeptide, upon exposure to mammalian cells, causes an increase in cellular protein tyrosine phosphorylation;

